

SUPPORTING DOCUMENT No. 2

Excerpts from Order No. R9-2004-001

Section E, SWMP Requirements
Section K, Watershed-Based Activity Requirements
Attachment D, Individual SWMP Contents

A document presented to the Regional Board on October 12, 2005.

E. STORM WATER MANAGEMENT PLAN (SWMP)

1. Within 365 days from the date of this Order, the Principal Permittee shall submit a SWMP to the SDRWQCB. The SWMP shall describe the various urban runoff management programs that will be implemented to comply with this Order and to reduce pollutants in urban runoff to the MEP for the duration of this Order. The SWMP is an integral and enforceable component of this Order and shall consist of the following:
 - a) Individual SWMP - The written description of each Permittee's individual programs that address Sections B through J of this Order. **Attachment D** contains direction for the preparation of the Individual SWMP. Each Permittee shall submit their Individual SWMP to the Principal Permittee by a date determined by the Principal Permittee for inclusion in the SWMP.
 - b) Watershed SWMP - The written account of all area-wide and watershed-based programs and activities conducted by the Permittees. The Watershed SWMP shall contain the programs and items required above in Requirements K.1 – K.4 of this Order.
2. Unless otherwise specified, within 365 days of the adoption of this Order, each Permittee shall have completed full implementation of the SWMP and all requirements in this Order. Prior to the implementation of new or revised programs, each Permittee shall, at a minimum, continue implementation of existing programs developed pursuant to Order No. R9-98-02 and described in the 2002-2003 Annual Progress Report.
3. Each Permittee shall incorporate a mechanism for public participation during the development and implementation of its SWMP.

ATTACHMENT D

INDIVIDUAL SWMP CONTENTS

Pursuant to Requirement E.1.a. of tentative Order No. R9-2004-001, each Permittee shall develop an Individual SWMP that describes their specific urban runoff management programs and activities that will be implemented to comply with the Order. An individual SWMP that addresses the items listed below would provide a complete description of the programs and activities the Permittee plans to implement to comply with the Order and to reduce pollutants in urban runoff to the MEP. In the event that a specific component is not applicable to a Permittee, the Permittee shall provide an explanation of non-applicable programs with the SWMP submittal and does not need to provide the information requested below in that particular section of their Individual SWMP.

1. Administrative and Legal Procedures

- a) Identification of all departments within the jurisdiction that conduct urban runoff related activities, and their roles and responsibilities under the Order. Include an up-to-date organizational chart specifying these departments and key personnel;
- b) Citation of urban runoff related ordinances and the reasons they are enforceable;
- c) Identification of the local administrative and legal procedures available to mandate compliance with urban runoff related ordinances and therefore with the conditions of the Order;
- d) Description of how these ordinances are implemented and appealed; and
- e) Description of whether the Permittee can issue administrative orders and injunctions or if it must go through the court system for enforcement actions.

2. Development Planning (Section F)

- a) A description of the water quality and watershed protection principles that have been or will be included in the Permittee's General plan, and a time schedule where modifications are planned, if applicable;
- b) A description of the development project approval process and how it ensures that urban runoff from new development and redevelopment will be reduced to the MEP, that post-development runoff volumes and velocities will be controlled, and that water quality objectives will not be violated throughout the life of the project;
- c) A final SUSMP document that meets the requirements specified in Section F.2.b. of the Order, and a copy of the ordinance (amended or new) that gives the Permittee the authority to implement and enforce the SUSMP. The SUSMP may be submitted under separate cover as an attachment to the SWMP;
- d) A description of the Permittee's current environmental review process and how it addresses impacts to water quality and appropriate mitigation measures. If the Permittee plans to modify the process during the permit term, a time schedule for modifications shall be included;
- e) A description of education efforts related to development and how they will be implemented; and
- f) A description of the measurable goals that will be used to assess the effectiveness of this program component.

3. Construction Component (Section G)

- a) A description of which pollution prevention methods will be required for implementation, and the steps that will be taken to ensure implementation;
- b) Updated grading ordinances, including adequate enforcement mechanisms;
- c) A description of the modified construction and grading approval process;
- d) Updated construction and grading project requirements in local grading and construction permits;
- e) A completed inventory of all construction sites;
- f) A list and description of minimum BMPs that will be implemented, or required to be implemented;
- g) A description of the steps that will be taken to ensure the implementation of prescribed BMPs at all construction sites;
- h) A description of planned inspection frequencies;
- i) A description of inspection procedures;
- j) A description of enforcement mechanisms and steps that will be used;
- k) A description of the construction education program and how it will be implemented; and
- l) A description of the measurable goals that will be used to assess the effectiveness of this program component.

4. Municipal Component (Section H.1)

- a) A description of which pollution prevention methods will be required for implementation, and the steps taken to ensure implementation;
- b) A completed inventory of all municipal facilities and activities;
- c) A description of which BMPs will be implemented, or required to be implemented, for municipal facilities and activities;
- d) A description of steps that will be taken to ensure the implementation of prescribed BMPs at municipal facilities and activities;
- e) A description of municipal maintenance activities and schedules;
- f) A description of the management strategy for pesticides, herbicides, and fertilizer use;
- g) A description of inspection procedures;
- h) A description of enforcement mechanisms and how they will be used; and
- i) A description of the measurable goals that will be used to assess the effectiveness of this program component.

5. Industrial/Commercial Facilities Component (Section H.2)

- a) A description of which pollution prevention methods will be required for implementation, and the steps that will be taken to ensure implementation;
- b) A completed and prioritized inventory of all industrial/commercial facilities that could contribute a significant pollutant load to the MS4;
- c) A list of minimum BMPs that will be implemented, or required to be implemented, for each facility type or pollutant-generating activity;

- d) A description of the steps that will be taken to ensure the implementation of prescribed BMPs at industrial/commercial facilities, including notification procedures;
- e) A description of inspection procedures;
- f) A description of enforcement mechanisms and how they will be used;
- g) A description of training efforts; and
- h) A description of the measurable goals that will be used to assess the effectiveness of this program component.

6. Residential Component (Section H.3)

- a) A description of which pollution prevention methods will be encouraged for implementation, and the steps that will be taken to encourage implementation;
- b) A list of residential activities that have been identified as high priority;
- c) A list of minimum BMPs that will be implemented, or required to be implemented, for high priority residential activities;
- d) A description of the steps that will be taken to ensure the implementation of prescribed BMPs for high priority residential activities;
- e) A description of enforcement mechanisms and how they will be used; and
- f) A description of the measurable goals that will be used to assess the effectiveness of this program component.

7. Education Component (Section I)

- a) A description of the content, form, and frequency of education efforts for each target community; and
- b) A description of the measurable goals that will be used to assess the effectiveness of the public education program.

8. Illicit Discharge Detection and Elimination Component (Section J)

- a) A description of the program to actively seek and eliminate illicit discharges and illicit connections;
- b) An Illicit Discharge Monitoring Program, in accordance with the Monitoring and Reporting Program, to be conducted to detect illicit discharges and illicit connections;
- c) A description of investigation and inspection procedures to follow up on dry weather monitoring results or other information which indicate potential for illicit discharges and illicit connections;
- d) A description of procedures to promptly eliminate detected illicit discharges and illicit connections;
- e) A description of enforcement mechanisms and how they will be used;
- f) A description of the mechanism to receive notification of spills;
- g) A description of efforts to facilitate public reporting of illicit discharges and connections, including a public hotline;
- h) A description of efforts to facilitate proper disposal of used oil and other toxic materials; and

- i) A description of measurable goals that will be used to assess the effectiveness of this program component.

9. Public Participation Component (Section E.3)

A description of how public participation will be included in the development and implementation of each Permittee's Individual SWMP.

10. Assessment of Individual SWMP Effectiveness Component

As part of its Individual SWMP, each Permittee shall develop a long-term strategy for assessing the effectiveness of its Individual SWMP. The long-term assessment strategy shall, at a minimum, include the following:

- a) An assessment of the progress towards meeting the measurable goals identified in each program component;
- b) An assessment of Illicit Discharge and Receiving Water monitoring data; and
- c) An assessment of overall program effectiveness.

11. Fiscal Analysis Component

Each Permittee shall secure the resources necessary to meet the requirements of the Order. As part of its Individual SWMP, each Permittee shall describe and analyze the capital and operation and maintenance expenditures necessary to accomplish the activities required in the Order, and a description of the source of funds the Permittee proposes to use to meet those expenditures.

12. Fire Fighting

A description of a program to reduce pollutants from non-emergency fire fighting flows identified by the Permittee to be significant sources of pollutants.

K. WATERSHED-BASED ACTIVITIES

1. Each Permittee shall collaborate with other Permittees to identify, address, and mitigate the highest priority water quality issues/pollutants in the Upper Santa Margarita Watershed.
2. Each Permittee shall collaborate with all other Permittees to develop and implement a Watershed SWMP for the Upper Santa Margarita Watershed. The Watershed SWMP shall, at a minimum, contain the following:
 - a) An accurate map of the Upper Santa Margarita Watershed (preferably in GIS format) that identifies all receiving waters, all CWA section 303(d) impaired receiving waters, existing and planned land uses, MS4s, major highways, jurisdictional boundaries, and industrial and commercial facilities, municipal sites, and residential areas.
 - b) A description of any interagency agreement, or other efforts, with non-Permittee owners of the MS4 (such as Caltrans, Native American Tribes, and school districts) to control the contribution of pollutants from one portion of the shared MS4 to another portion of the shared MS4;
 - c) An assessment of the water quality of all receiving waters in the watershed based upon (1) existing water quality data; and (2) results from the Receiving Waters and Illicit Discharge Monitoring Programs described in the MRP;
 - d) An identification and prioritization of major water quality problems in the watershed caused or contributed to by MS4 discharges and the likely source(s) of the problem(s);
 - e) An implementation time schedule of short and long-term recommended activities (individual and collective) needed to address the highest priority water quality problem(s) identified in Requirement K.2.d. above. For this section, "short-term activities" shall mean those activities that are to be completed during the life of this Order and "long-term activities" shall mean those activities that are to be completed beyond the life of this Order;
 - f) A watershed-based education program, which focuses on water quality issues specific to the Santa Margarita watershed;
 - g) A mechanism to facilitate collaborative "watershed-based" (i.e., natural resource-based) land use planning with neighboring local governments in the watershed.
 - h) A description of any other urban runoff management programs or activities being conducted collectively by the Permittees to address water quality issues;
 - i) A description of Permittee responsibilities for implementing the programs described in the Watershed SWMP;
 - j) The expenditures and funding sources for the area-wide and watershed-based activities and programs;

- k) Standardized reporting formats developed collectively by the Permittees, as specified in Requirement M.1;
 - l) Short-term strategy for assessing the effectiveness of the activities and programs implemented as part of the Watershed SWMP. The short-term assessment strategy shall identify methods to assess program effectiveness and include specific direct and indirect performance measurements that will track the immediate progress and accomplishments of the Watershed SWMP towards improving receiving water quality impacted by urban runoff discharges. The short-term strategy shall also discuss the role of monitoring data collected by the Permittees in substantiating or refining the assessment; and
 - m) Long-term strategy for assessing the effectiveness of the Watershed SWMP. The long-term assessment strategy shall identify specific direct and indirect performance measurements that will track the long-term progress of the Watershed SWMP towards achieving improvements in receiving water quality impacted by urban runoff discharges. Methods used for assessing effectiveness shall include the following or their equivalent: surveys, pollutant loading estimations, receiving water quality monitoring, and achievement of measurable goals. The long-term strategy shall also discuss the role of monitoring data in substantiating or refining the assessment.
- 3. Permittees shall, as appropriate, participate in watershed management efforts to address storm water quality issues within the entire Santa Margarita Watershed, including efforts conducted by other entities in the watershed, such as San Diego County, U.S. Marine Corps Base Camp Pendleton, Native American tribes, and other state, federal, and local agencies.
 - 4. At least once a year, all Permittees shall meet to review and assess available water quality data (from the MRP and other reliable sources), assess program effectiveness, and to review and update the Watershed SWMP.